Facility Name_____ ***Ammonia Nitrogen (NH_3-N)*** **SM 4500 NH_3 D.**

Chlorine Present Yes / No Removed by _____

Analyst_____**Analysis Date**_____**Analysis Start Time**_____**Analysis Stop Time**_____

Calibration Standards Prepared_____ **Stock Standard Lot #:**_____

Check Standard Prepared_____ **Stock Standard Lot #:**_____

Standards and Samples Analyzed at the Same Temperature Yes / No Check Std._____**% Rec.**

Slope Check: Initial mV^o_____ **Final mV^o**_____ **Δ mV^o**_____ **Acceptable = 58 ± 3 mV^o @ 20^o C or 57 ± 3 mV^o @ 25^o C**

Calibration Data

Standard	Initial Reading	Adjusted Reading	Slope

Analysis Data – Samples not analyzed on Sample Date preserved to pH < 2 with H_2SO_4 and Refrigerated

Sample ID	Sample Date	Sample Comp or Grab	Date Preserved	Preserved by	Sample Volume (mL)	Final Volume (mL)	Initial Result (mg/L)	*Dilution Factor	Report Value (mg/L)
Check Std.									
Dup.									
Spike									-----
Blank									

***Dilution Factor = Final Volume (mL) / Sample Volume (mL)** **Initial Sample Result (mg/L) x Dilution Factor = Report Value (mg/L)**

Spike Added (mg/L) = Concentration of Spike Added (mg/L) x Volume of Spike Added (mL) / Final Volume (mL) of Spiked Sample used during Analysis

% Spike Recovery = [(Spiked Sample Initial Result)(Final Volume) – (Sample Initial Result)(Final Volume)] x 100 / Spike Added = ____%